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410CLASSIFICATION ~~SECRET~~COUNTRY Rumania REPORT NO. _____TOPIC Bustenari Crude Oil Refinery

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EVALUATION 25X1 PLACE OBTAINED _____DATE OF CONTENT End of 1948DATE OBTAINED _____ DATE PREPARED 23 March 1950REFERENCES 25X1PAGES 2 ENCLOSURES (NO. & TYPE) 1 Blueprint

REMARKS _____

25X1 1. Location and Traffic Connections

The refinery is north of the village of Bustenari, about 150 meters south of the Campina-Recea highway, on both sides of the way branching off this highroad and leading to the village of Bustenari. The refinery consists of two groups of buildings. The western group is about 250 x 300 meters, the eastern about 350 x 200 meters, both fenced-off by a board fence.

2. Buildings and Technical InstallationsWestern group:

a and b: Two refinery buildings, brick structures, each about 80 x 15 x 7 meters and furnished with one cooling tower. The refinery installations are new US-made units for cracking according to the Tubestill system and were supplied to Rumania by the Soviets in 1948.

c. Power station: A brick building, about 60 x 10 x 7 meters, equipped with one 150-HP and one 200-HP motor, and one 100-HP steam engine.

d. Boilerhouse: A brick building, about 14 x 10 x 7 meters with two 100-atmosphere Cornwall boilers.

e. Warehouse: A wooden cantonment building, about 25 x 12 x 6 meters, where pipes, valves, materials and tools are stored.

f, g, and h: Three refinery buildings, brick structures, each about 80 x 15 x 7 meters, equipped with the same refining installations as the building described in para a and b.

i. Boilerhouse, brick building, about 18 x 10 x 7 meters, equipped with three 100-atmosphere Cornwall boilers.

k. Mechanical workshop, a brick building, about 40 x 10 x 7 meters.

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l. Administration building, a one-story brick building, about 20 x 10 meters.

m. Canteen and mess hall, a wooden cantonment building, about 15 x 10 x 6 meters.

n. Seven 2,300-cu.m. tanks.

o. Eight 1,200-cu.m. tanks.

p. Eight 1,200-cu.m. tanks.

q. Three 3,000-cu.m. tanks.

r. Each group is connected with the trunk pipe line passing the refinery.

3. Production and Capacity

Crude oil produced in the Brebul and Cosmina oil fields and if necessary also in the Campina oil field, is processed in this refinery. About 400 tons crude oil per day were processed in 1948. The yields obtained by the refining process were: Gasoline 45 percent, vulcanol 20 percent, miscellaneous oils 12 percent, diesel oil 10 percent, asphalt 5 percent, waste 8 percent.

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[REDACTED] Comment:

The refinery in question is on the Recea-Iustenari-Balcoi-Floesti-Luzau-Faurei-Cernavoda-Constanta trunk pipe line. According to this report, the capacity of the refinery is estimated as high as about 120,000 tons per year.

1 Annex: Iustenari Crude Oil Refinery

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